

Title (en)

SYSTEM FOR QUANTIFYING REGIONAL FISSURE FEATURES

Title (de)

SYSTEM ZUR QUANTIFIZIERUNG REGIONALER RISSMERKMALE

Title (fr)

SYSTÈME POUR QUANTIFIER DES CARACTÉRISTIQUES DE FISSURE RÉGIONALE

Publication

EP 3294136 B1 20201118 (EN)

Application

EP 16727008 A 20160506

Priority

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Abstract (en)

[origin: US2016328850A1] Analysis of pulmonary scans representative of a patient's pulmonary structure can be used to classify a patient into one or more of a plurality of populations. The patient's scan can be mapped to a reference domain and analyzed to determine one or more fissure features associated with a plurality of regions in the reference domain. Comparison of the determined fissure features with a plurality of fissure atlases, each associated with different population, can be performed to classify the patient into one or more of the populations. Data from different fissure atlases can be compared to determine regions in the fissure atlases that distinguish one population from another. Such distinguishing regions can improve the ability to classify the patient while reducing errors based on false classifications.

IPC 8 full level

G16H 50/50 (2018.01); **A61B 5/055** (2006.01); **A61B 6/00** (2006.01); **A61B 6/03** (2006.01); **G06T 7/00** (2017.01); **G06V 10/764** (2022.01)

CPC (source: EP US)

A61B 5/055 (2013.01 - EP US); **A61B 5/08** (2013.01 - EP US); **A61B 6/032** (2013.01 - EP US); **A61B 6/037** (2013.01 - US); **A61B 6/50** (2013.01 - EP US); **A61B 6/5217** (2013.01 - EP US); **G06F 18/24** (2023.01 - US); **G06T 7/0014** (2013.01 - EP US); **G06V 10/764** (2022.01 - EP US); **G16H 30/20** (2017.12 - EP US); **G16H 30/40** (2017.12 - US); **G16H 50/80** (2017.12 - EP); **A61B 5/004** (2013.01 - EP US); **G06T 2207/10072** (2013.01 - EP US); **G06T 2207/30061** (2013.01 - EP US); **G06V 2201/03** (2022.01 - EP US)

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